

US EPA ARCHIVE DOCUMENT

DATA REVIEW FOR ACUTE DERMAL TOXICITY TESTING (§81-2)

Product Manager:18
MRID No.: 418266-03
Testing Laboratory:Cosmopolitan Safety
Author(s):Geoffrey Robbins
Species:Rabbit, New Zealand White
Weight:2.5 - 3.5 K
Source:Unspecified

Reviewer: L. Markarian
Report Date:3/28/88
Report No.:B1824

Test Material:BMP Technical Powder 110,000 IU/mg, Lot 28, powder
Quality Assurance (40 CFR §160.12):Included

Summary:

1. The estimated LD₅₀ is > 2.0 g/kg
2. Tox. Category: III Classification:supplementary upgradeable

Procedure (Deviation From §81-2):

The test material was applied moistened with saline (approximately 9 ml per animal) to the clipped intact skin of the animals. The sites were covered with gauze pad and the trunks of the animals were wrapped with perforated plastic sheeting secured with tape. At 24 hrs the wrappings were removed and the sites wiped with clean, moist paper towels. Observations were frequent during the day of application and daily thereafter. There were twice daily mortality checks on week days. The dermal reactions were evaluated on days 1, 3, 7 and 14 according to Draize.

Results:

Reported Mortality

DOSAGE g/K	(NUMBER KILLED/NUMBER TESTED)		
	Males	Females	Combined
2.0	0/5	0/5	0/10

Symptoms & Gross Necropsy Findings:

No mortality, signs of toxicity or gross pathology were observed. Grade 1 erythema and edema are reported on days 1-3.

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